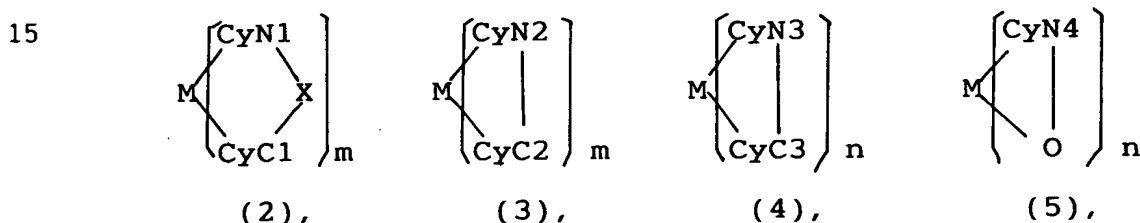


ABSTRACT OF THE DISCLOSURE

An organic EL device includes a luminescence layer containing, as a luminescent material allowing a high-luminescence and high-efficiency luminescence for a long period of time, a metal coordination compound represented by the following formula (1): $L_mML'_n$, wherein M denotes Ir, Pt, Ph or Pd; L denotes a bidentate ligand; L' denotes a bidentate ligand different from L; m is an integer of 1, 2 or 3; and n is an integer of 0, 1 or 2 with the proviso that the sum of m and n is 2 or 3. The partial structure ML_m is represented by a formula (2) or a formula (3) shown below, and the partial structure ML'_n is represented by a formula (4) or a formula (5) shown below:



wherein CyN1, CyN2 and CyN3 independently denote a substituted or unsubstituted cyclic group containing a nitrogen atom connected to M; CyN4 denotes a cyclic group containing 8-quinoline or its derivative having a nitrogen atom connected to M; CyC1, CyC2 and CyC3 independently denote a substituted or unsubstituted cyclic group containing a carbon atom connected to M, with the proviso that the metal coordination compound is represented by the formula (2) when n is 0.